

### **ABSTRACT**

An amplifier and a driver circuit therefor are presented for driving a load according to a system analog input. The amplifier comprises a passive delta-sigma modulator with a passive filter providing a first filtered signal according to a  
5 passive filter input and according to a feedback signal, a quantizer coupled with the passive filter and providing a quantized output according to the first filtered signal, and a switching system coupled with the the passive filter and the quantizer. The switching system selectively providing power to a load according to the quantized output and provides the feedback signal to the passive input,  
10 wherein a gain amplifier is provided in a feedback loop around the passive delta-sigma modulator.